

FILE NOTATIONS

Entered in NID File

☒

Entered On S R Sheet

☐

Location Map Pinned

☒

Card Indexed

☒

I W R for State or Fee Land

☐

Checked by Chief

RLR

Copy NID to Field Office

☒

Approval Letter

☒

Disapproval Letter

☐

COMPLETION DATA:

Date Well Completed

2-28-62

Location Inspected

☐

OW ☒

WW ☐

TA ☐

Bond released

☐

GW ☐

OS ☐

PA ☐

State of Fee Land

☐

LOGS FILED

Driller's Log

3-5-62

Electric Logs (No. 1)

3-8-62

E ☐

I ☐

E-I ☐

GR ☐

GR-N ☒

Micro ☐

Lat. ☒

Mi-L ☐

Sonic ☒

Others ☐

Subsequent Report of Alvan (2)

ROYCE R. LATIMER

AND
ASSOCIATES

PETROLEUM EXPLORATION
PHONE ALPINE 3-5976 • P. O. BOX 897 • 90 NORTH MAIN
M O A B , U T A H

November 2, 1961

C O P Y

Mr. Jerry Long, District Engineer
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Re: Scheduled Devonian
Test. Lease No.
U-03051A

Dear Mr. Long:

This is to advise that all of my rights and obligations as Farm-
outtee (individual) from Cabeen Exploration Corporation, has
been assigned to Southern Natural Gas Company of Houston, Texas

Cabeen has approved my assignment to Southern Natural Gas
Company. Cabeen will shortly provide you with executed copies
of "Designation of Operator", naming Southern Natural Gas Co.

Additionally, Southern Natural Gas Company will file application
for "Intention to Drill" in the immediate future.

If there is additional information required from me, such as a
copy of the Farmout Agreement executed by Cabeen, and my as-
signment to Southern Natural Gas Company, will you please ad-
vise me as soon as possible?

Respectfully submitted,


Royce R. Latimer

cc: Mr. Feight, Exec. Secy.
Utah Oil & Gas Cons. Comm.
310 Newhouse Bldg.
Salt Lake City, Utah

Mr. Joe Cobb, Prod. Supt.
Southern Natural Gas Co.
Houston, Texas

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: **Utah**
SERIAL NO.: **03051-A**

and hereby designates

NAME: **Southern Natural Gas Company**
ADDRESS: **Oil and Gas and Gas Supply Division**
P. O. Box 1513 - Esperson Building
Houston 1, Texas

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 27 South, Range 20 East, Salt Lake Meridian
Section 6: Center of SE/4 NW/4


San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:


J. P. Elliott, Jr.
Assistant Secretary

November 2, 1961

(Date)

CARBEN EXPLORATION CORPORATION

By: 

(Signature of lessee)

R. A. Buchanan, Vice-President

(Address)

	X		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 03051-A
Unit U. S. A.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 9, 1961

Well No. 1 is located 3279 ft. from N line and 1580 ft. from W line of sec. 6

Wildcat SE 1/4 of NW 1/4 T27S, R20E, Salt Lake Meridian
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is h. Unknown - will be determined later.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Projected Total Depth: 6800'

Wildcat Well - Objective Sands unknown, plan to drill thru the McCracken Sand (Devonian) expected at 6600'.

Casing Program: 350' - 16", 65#, H-40
3200' (Top of Salt) - 10 3/4", 40.5# & 45.5#, J-55
5700' (Bot. of Salt) - 7 5/8", 26.4#, J-55 & H-80
5500-6800' - 5", 18#, H-80, Liner

Will attempt to drill with air to 3200' or deeper - mud drill to total depth.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas

Address P. O. Box 1513

Houston 1, Texas

By Robert D. Calolys

Title Petroleum Engineer

CERTIFIED SURVEYING

WINSTON BOYER
P. O. Box 733
MOAB, UTAH

OFFICE:
POST OFFICE BUILDING
PHONE ALPINE 3-5106
(Day or Night)

COMPANY *Southern Natural Gas Co.*

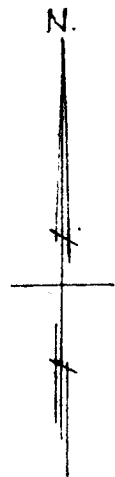
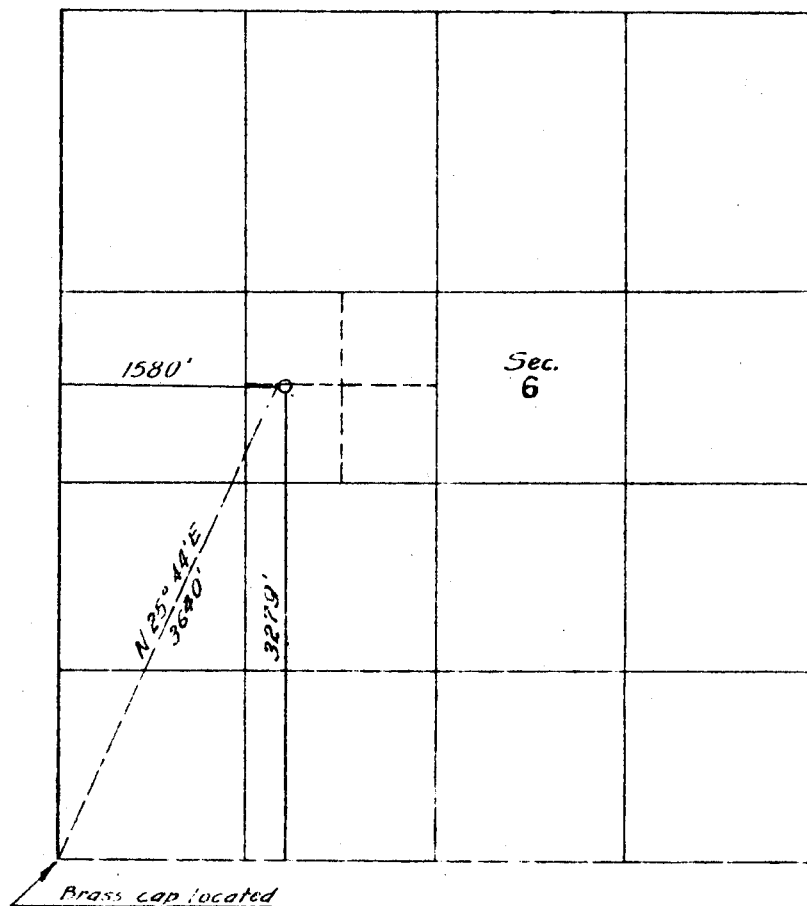
WELL NAME *USA No. 1*

LOCATION *3279' from the South line 1580' from the West line*

BEING IN *the SE of the NW*

SEC 6 T27S R20E SLM San Juan County, Utah

GROUND ELEVATION *Undetermined until rig in place*



SCALE 4" = 1 MILE

SURVEYED NOV. 2 1961 by WINSTON BOYER

Signed

Winston Boyer

SOUTHERN NATURAL GAS COMPANY

OIL AND GAS AND GAS SUPPLY DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

November 9, 1961

Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Re: Drilling Permit
USA #1 Well
Wildcat
San Juan County, Utah
BLM LSE U-03051-A

Dear Sir:

Southern Natural Gas Company is requesting a Drilling Permit for their proposed USA #1 in San Juan County, Utah.

Attached are the following documents:

1. Two copies of Form 9-331a, Notice of Intention to Drill.
2. Two copies of Location Plat.
3. Two copies of Form 9-1123, Designation of Operator.
4. Copy of Southern's letter requesting a Drilling Permit from the U. S. Geological Survey, Durango, Colorado.

The location of this well has been checked by your agent in Moab, Utah and was approved by him to be out of the center of the SE/4 of NW/4 Sec. 6, T27S, R20E, S1M, San Juan County due to topographical reasons. He reportedly is forwarding a letter to your office to this effect.

If there is any additional information required or any questions on this application, please contact our Houston office.

Yours very truly,

R. H. Adolph

R. H. Adolph
Petroleum Engineer

cc: Mr. Jerry Long, District Engineer
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

COPY

SOUTHERN NATURAL GAS COMPANY
OIL AND GAS AND GAS SUPPLY DIVISION
P. O. BOX 1513-ESPERSON BUILDING
HOUSTON 1, TEXAS

COPY

November 9, 1961

Mr. Jerry Long, District Engineer
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Re: Drilling Permit
USA #1
Wildcat
San Juan County, Utah
BLM LSE U-03051-A

Dear Mr. Long:

Southern Natural Gas Company requests a Drilling Permit for their proposed USA #1 Well in San Juan County, Utah.

Attached are following documents:

1. Three (3) copies of Form 9-331a, Notice of Intention to Drill.
2. Three (3) copies of location plat
3. Copy of Southern's letter requesting a Drilling Permit from the Utah Oil & Gas Conservation Commission
4. Copy of Cabeen Exploration Corporation's letter to Southern Natural Gas Company concerning this lease.
5. Three (3) copies of Form 9-1123, Designation of Operator.
6. One (1) copy of Cabeen's Bond covering operations on this lease.

If there is any additional information required or any questions on this application, please contact our Houston office.

Yours very truly,

R. H. Adolph
R. H. Adolph
Petroleum Engineer

RHA/lle
Attachment

cc: Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

November 14, 1961

Southern Natural Gas
P. O. Box 1513
Houston 1, Texas

Attn: Robert H. Adolph, Petr. Eng.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. U.S.A. #1, which is to be located 3279 feet from the south line and 1580 feet from the west line of Section 6, Township 27 South, Range 20 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted in accordance with Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Please have the enclosed "Minimum Safety Requirements" posted in a conspicuous place on the drilling location.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE DIRECTOR

CBF:avg

cc: Jerry W. Long, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

	X		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R328.4
Approval expires 12-31-60.

Land Office Utah
Lease No. 03051-A
Unit U.S. A. #1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY Report No. <u>1</u>	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 30, 19 61

Well No. 1 is located 3279 ft. from S line and 1580 ft. from W line of sec. 6
SE/4 of NW/4 T27S, R20E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

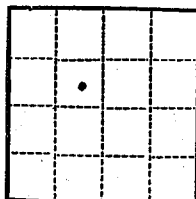
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Location work is completed;
Now moving in Calvert Exploration Company's rotary drilling rig.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas Company
Address P. O. Box 1513
Houston, Texas
By Robert L. Calverly
Title Petroleum Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Land Office _____
Lease No. U03051-A
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SOUTHERN NATURAL GAS CO.
U.S.A.

12-7-, 1961

Well No. 1 is located 3279 ft. from [S] line and 1580 ft. from [W] line of sec. 6

SE NW SEC 6 27S 20E SLPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

WILDCAT SAN JUAN UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4433 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

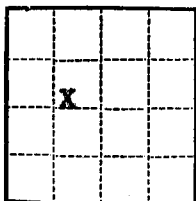
SPUDDED K.P.M. 12-6-61
DRILLED TO 46' & SET 1 JT. 24" O.D. 65' H.W. GRADE-ASPHALT WELD CASING
AT 40' K.B. ADJUSTMENTS. CEMENTED @ 66.5KTS. CEMENT
JOB COMPLETE @ 4:30 A.M. 12-7-61

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SOUTHERN NATURAL GAS CO.

Address Box 1513 Houston Texas

By Warren W. Helcher
Title Drilling Foreman



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-03051-A
Unit U.S.A. #1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 19, 1961

Well No. 1 is located 3279 ft. from N line and 1580 ft. from E line of sec. 6

SE/4 of NW/4 T 27 S R 20 E SLM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4433 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 498', 16" casing set at 498'.
Ran 16 joints 16", 65#/ft., H-40, casing with Baker Guide Shoe. Cemented with 400 sx Pozmix with 4% Gel, 100# Flo-Seal, and 400# walnut hulls followed with 100 sx Heat cement with 4% CaCl₂. Had good cement returns. Job complete 8:00 AM, 12-13-61.

Tested casing with water to 1500 PSI for 30 min. - O.K.
Test made 12-17-61.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas Company

Address P. O. Box 1513

Houston 1, Texas

By R. H. Adolph

Title Petroleum Engineer

SOUTHERN NATURAL GAS COMPANY

OIL AND GAS AND GAS SUPPLY DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

December 20, 1961

State of Utah
Oil & Gas Conservation Commission
310 Neuhouse Building
Salt Lake City 11, Utah

Re: Southern Natural Gas U.S.A. #1
South Big Flat Area
San Juan County, Utah

Dear Sir:

Attached are two copies of Casing Test Report concerning the recent test of the 16" casing of subject well.

If there are any questions concerning this report, please contact our Houston office.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY

R. H. Adolph
R. H. Adolph
Petroleum Engineer

RHA-GG

Attachments

(SUBMIT IN TRIPLICATE)

	X		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-03091-A
Unit U.S.A. #1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY <u>Report No. 2</u>	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 27, 1961

Well No. 1 is located 3279 ft. from S line and 1280 ft. from W line of sec. 6
SE 1/4 of NW 1/4 (1/4 Sec. and Sec. No.) T27N (Twp.) R20E (Range) SLM (Meridian)
Wildcat (Field) San Juan County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4431 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Dec. 6, 1961 - Spudded well at 1:00 P.M., 12-6-61
 Dec. 7, 1961 - Set 24" casing at 40'
 Dec. 13, 1961 - Set 16" casing at 498'
 Dec. 17, 1961 - Tested 16" casing to 1500 PSI for 30 min. - O.K.
 Dec. 29, 1961 - Drilling at 2654'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SOUTHERN NATURAL GAS COMPANY
 Address P.O. BOX 1513
HOUSTON 1, TEXAS
 By R. H. Adolger
 Title Petroleum Engineer

PP13

SOUTHERN NATURAL GAS COMPANY

OIL AND GAS AND GAS SUPPLY DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

January 31, 1962

Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Re: U.S.A. #1, South Big
Flat Area, San Juan
County, Utah

Gentlemen:

Attached are two copies of Supplementary Well History,
Report #3 on the subject well.

Yours very truly,

SOUTHERN NATURAL GAS

R. H. Adolph

R. H. Adolph
Petroleum Engineer

RHA/gme

Attachment

(SUBMIT IN TRIPLICATE)

	X		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-03051-A
Unit U.S.A. #1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY Report No. 3	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 31, 1962

Well No. 1 is located 3279 ft. from ~~N~~S line and 1580 ft. from ~~N~~W line of sec. 6

SE/4 of NW/4
(1/4 Sec. and Sec. No.)

T27S
(Twp.)

R2OE
(Range)

S1M
(Meridian)

Wildcat
(Field)

San Juan County
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4433 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

January 1, 1962 T.D. 3,050' Ran & Set 10-3/4", 40.50#/Ft., J-55, ST&C Casing at 3,041'. Cemented w/1,100 sacks cement.

January 4, 1962 T.D. 3,050' Tested 10-3/4" casing w/1,800 psi. Test OK.

January 6 & 7, 1962 Cored 3,761-3,829' and 4,111-4,201'.

January 31, 1962 T.D. 5,990' Running 7-5/8" casing.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas Company

Address P. O. Box 1513

Houston 1, Texas

By R. H. Cielofly

Title Petroleum Engineer

	X		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Utah

Land Office _____
Lease No. **U-03051-A**
Unit **U.S.A. #1**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	X	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 8, 1962

Well No. **1** is located **3,279** ft. from **N** line and **1,580** ft. from **EX** line of sec. **6**
SE/4 of NW/4 **T27S** **R20E** **S1M**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **San Juan County** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4,433** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total Depth 6,003', 7-5/8" Casing set to 5,990'. Plug back total depth: 5,900'

Plan to: Run 5-1/2", 17#, N-80, LHC Casing to 5,775' and attempt to complete the well through perforations 5,802' to 5,860'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Southern Natural Gas Company**
Address **P. O. Box 1513**
Houston 1, Texas
By **H. E. Connell**
Title _____

February 19, 1962

MEMO FOR FILING

Re: Southern Natural Gas
USA # 1
Sec. 6, T. 27 S, R. 20 E.,
San Juan County, Utah

On February 13, 1962, the above operator perforated their well and ran the following test:

4 hour test

T. P. 2525# - 680#
1/4" choke - produced 100 barrels of 39.5°
API gravity oil, gas unknown.

2 hour test on 1/8" choke

T. P. 1825# produced 15 barrels of oil

2 hour test

20/64" choke produced 48 barrels of oil

This is an apparent discovery in the lower paradox formation.

HARVEY L. COONTS
PETROLEUM ENGINEER

HLC:cn

SOUTHERN NATURAL GAS COMPANY

OIL AND GAS AND GAS SUPPLY DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

March 2, 1962

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Re: U.S.A. #1

~~Shafer Canyon Field~~ *we*

San Juan County, Utah

BLM LSE U-03051-A

Gentlemen:

Attached are two copies of Form 9-330, Log of Oil Well.

Please note this well was drilled as a wildcat and we request the field designation Shafer Canyon be given to this completion.

If there is any questions concerning this matter, please contact our Houston office.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY

R. H. Adolph

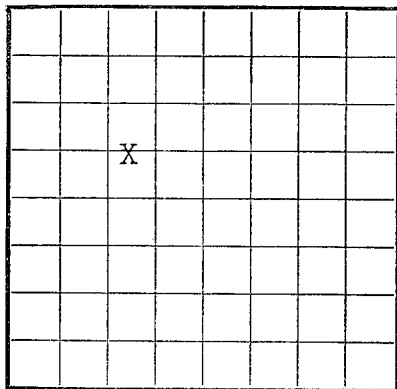
R. H. Adolph
Petroleum Engineer

RHA/gme

Attachment

Form 9-330

U. S. LAND OFFICE Utah
SERIAL NUMBER U-03051-A
LEASE OR PERMIT TO PROSPECT USA #1



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Natural Gas Co. Address P.O. Box 1513, Houston 1, Texas
Lessor or Tract U.S.A. Field Shafer Canyon State Utah
Well No. 1 Sec. 6 T. 27S R. 20E Meridian SLM County San Juan
Location 3279 ft. [N.] of S. Line and 1580 ft. [E.] of W. Line of Section 6 Elevation 4443
[XX] [XX] (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed R. H. Adelphi

Date February 21, 1962 Title Pet. Eng.

The summary on this page is for the condition of the well at above date.

Commenced drilling December 6, 1961 Finished drilling February 14, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5790 to 5890 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
24	164	P.E.		37	Halli	0			Cond.
16	65	8 Rd.	Nat.	486		0			Surface
10-3/4	40.5	8 Rd.	Nat.	3060		0			Protective
7-5/8	2640	8 Rd.	Nat.	6013		0	5808	5860	Production
5-1/2	17	8 Rd.	Nat.	5772		0			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16	499	500	Pump & Plug	Air	-
10-3/4	3041	675	" "	Air	-
7-5/8	5990	1715 ✓	" "	16 #	Hole Full
5-1/2	5772	500	" "	12.5 #	" "

MARK

PLUGS AND ADAPTERS

Heaving plug—Material Baker "R" Pkr. Length 7.00 ft. Depth set 5723Adapters—Material _____ Size 5-1/2" x 2-3/8"

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1-11/16"	Mac-Jet	Jet	208	2/12/62	5808-60	5972'

TOOLS USED

Rotary tools were used from 0 feet to 6003 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 1, 1962 Put to producing 1 PM Feb. 28, 1962The production for the first 24 hours was 280 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39.7° API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES Calvert Exploration Co.G. Taylor _____, Driller T. Engle _____, DrillerC. Hale _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	538	538	Cutler
538	1085	547	Rico
1085	2720	1635	Hermosa
2720	2870	150	Paradox Salt #2
2870	3015	145	" "
3015	3100	85	" "
3100	3300	200	" "
3300	3510	210	" "
3510	3625	115	" "
3625	3700	75	" "
3700	3845	145	" "
3845	4025	180	" "
4025	4075	50	" "
4075	4170	95	" "
4170	4285	115	" "
4285	4375	90	" "
4375	4460	85	" "
4460	4610	150	" "
4610	4690	80	" "
4690	5000	310	" "
5000	5315	315	" "
5315	5500	185	" "
5500	5790	290	" "
5790	5890	100	Cane Creek

(OVER)

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
5890	5990	100	Paradox Salt #22
5990	6003	13	Not logged
6003			Total Depth

9-546
(September 1943)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Casper, Wyoming, Laboratory

INFORMATION TO BE FURNISHED WITH EACH SAMPLE

Marks on container..... Lab. No. 62-042..... (Filled in by Chemist)

Field..... Big Flat (extension), Utah..... Farm or Lease.....
(Serial Number)

Operator..... Southern Natural Gas..... Address.....
C.S.G.

Well No. 1....., SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 6....., T. 27 S., R. 20 E., S.1. M.

Sample taken by..... D. F. Russell..... Date taken..... 6/14/62

Name of sand (or formation) from which this sample
was obtained (if unknown or doubtful, so state)..... Paradox salt

Depth to top of ~~sand~~ ^{salt}..... 2,718'..... Depth to bottom of sand.....

Depth well drilled..... 6,003'..... Present depth..... 5,900'

Depths at which casing is perforated..... 5,808' - 60'

If drill stem test, depth at which packer is set.....

Depth at which last shut-off string of casing
is landed, cemented or mudded (state which)..... 7 5/8" cc @ 5,990 w/? sacks

Depths (if known) where water encountered.....

If acidized, dates, depths and gallons of acid.....

Place where sample was obtained (drill stem,
lead line, flow tank, bailer, etc.).....

Method of production (flowing, pumping, air, etc.).....

Initial Production:	Present Production:
Barrels Oil..... <u>600/day</u>	Barrels Oil..... <u>?</u>
Barrels Water.....	Barrels Water.....
Gas Volume.....	Gas Volume.....
Rock Pressure.....	Rock Pressure.....

REASON FOR ANALYSIS..... Future reference

RECEIVED
BR. OF OIL & GAS OPERATIONS
JUL 11 1962
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

Note: A sample for analysis is of no value unless accompanied by above information. Complete information on this form is to be attached to each sample container; otherwise sample will be disregarded. Be sure to seal or tightly cork all containers immediately after sampling and label all samples so that there will be no confusion.

March 7, 1962

MEMO FOR FILING

Re: Southern Natural Gas
USA #1
Sec. 6, T. 27 S, R. 20 E.,
San Juan County, Utah

On Tuesday evening, March 6, 1962, Harvey phoned me that the storage tank containing 1,000 barrels oil had blown up at the tank battery location for this well. He reported that one man was killed and another was seriously burned. I phoned this information to Commissioner Nelson with the State Industrial Commission at 8:45 A.M. Wednesday, March 7.

ROBERT L. SCHMIDT
CHIEF PETROLEUM ENGINEER

RLS:cn

2/16/64

Injured man died later - H L C.

THE INDUSTRIAL COMMISSION OF UTAH

STATE CAPITOL
SALT LAKE CITY, UTAH

March 15, 1962

Flint Rig Company

Moab 705 Midland Bank Bldg.
Utah Midland, Texas

Re: Fatal accident to employee, Emil Potter, serious injury to Elmer Spears on March 6, 1962.

Gentlemen:

Mr. John W. Holmes, State Metal Mine Inspector, investigated the above mentioned accident on March 8, 1962. His report and recommendations follow:

An explosion and fire at Southern Natural Gas Company's oil tank battery near Well U.S.A. No. 5 Lease U-03051-A located at the bottom of Shafer Trail in San Juan County killed Emil Potter and seriously burned Elmer Spears at about 4:30 P.M., March 6, 1962.

The two men had been connecting pipe to steam coils under newly installed tanks and at the time of the explosion were between a battery of four tanks. One tank was full of oil, one contained oil and gas, and the other two were empty. Some welding had been done inside one empty tank approximately thirty minutes prior to the explosion. It is believed that the explosion was set off when gas and oil released from another tank through a bleeder line contacted hot metal or slag residual to the welding job. Two other employees were in the near vicinity of the explosion but were not injured. There was no supervisor in charge of the work being performed. The valve between the well and the tank battery was open while the work was being done, but was closed after the explosion so the fire would not be fed additional fuel.

Recommendations:

1. Installation and maintenance work on oil and gas wells and auxiliary equipment should be done under competent supervision.
2. Proper precautions should be taken before, during and following welding operations to make sure that gas or oil will not be ignited.

Flint Rig Company

March 15, 1962

Page two

3. The main valve or valves at the well should be kept closed if the hazards of the work being done on any of the equipment will be reduced thereby.

Your attention to the foregoing recommendations is requested.

BY DIRECTION:

THE INDUSTRIAL COMMISSION OF UTAH

By Casper A. Nelson, Commissioner

CAN/3

C
O
P
Y

CRUDE OIL ANALYSIS

Condition of sample..... Laboratory No. 62-042
Analysis by K. P. Moore..... Date 6/28/62

GENERAL CHARACTERISTICS

Specific Gravity 0.8403..... A.P.I. Gravity 36.9
Per cent Sulphur 0.19..... Pour Point 80° F.
Saybolt Universal Viscosity at 70°F. (too waxy) sec. Color brownish-green (dark)
Saybolt Universal Viscosity at 100°F. 68.1 sec. Base Paraffin

DISTILLATION, BUREAU OF MINES, HEMPEL METHOD

Distillation at atmospheric pressure 636 mm Hg. First Drop 30° C (90° F)

Fraction No.	Cut at °C.	°F.	Per Cent	Sum Per Cent	Sp.Gr. 60/60°F.	°A.P.I. 60°F.	C.I.*	S.U. Visc. 100°F.	Cloud Test °F.
1	50	122	2.3	2.3	0.647	87.2			
2	75	167	2.4	4.7	0.673	76.8	8.9		
3	100	212	3.4	8.1	0.711	67.5	17		
4	125	257	3.6	11.7	0.734	61.3	19		
5	150	302	3.6	15.3	0.753	56.4	20		
6	175	347	3.8	19.1	0.770	52.3	22		
7	200	392	3.8	22.9	0.785	48.8	23		
8	225	437	5.0	27.9	0.799	45.6	24		
9	250	482	5.3	33.2	0.813	42.6	25		
10	275	527	6.7	39.9	0.823	40.4	25		

*Note:—C.I. values calculated basis Bureau of Mines T.P. #610.

Distillation continued at 40 mm.

11	200	392	2.3	42.2	0.832	38.6	25	42	28
12	225	437	5.5	47.7	0.836	37.8	23	47	44
13	250	482	4.4	52.1	0.844	36.2	24	56	64
14	275	527	4.1	56.2	0.856	33.8	26	74	82
15	300	572	6.3	62.5	0.870	31.1	30	109	98

Residuum 37.5 100.0 0.913 23.5

Carbon residue of residuum 3.74% Carbon residue of crude 1.5%

APPROXIMATE SUMMARY

	Per cent	Sp.Gr. 60/60°F.	°A.P.I. 60°F.	Viscosity, secs.
Light gasoline	8.1	0.682	76.0	
Total gasoline and naphtha	22.9	0.725	63.7	
Kerosene distillate	17.0	0.813	42.6	
Gas oil	7.0	0.835	38.0	
Nonviscous lubricating distillate	11.4	0.839-0.868	37.2-31.5	Below 50
Medium lubricating distillate	4.2	0.868-0.878	31.5-29.7	50-100
Viscous lubricating distillate	-			100-200
Residuum	37.5	0.913	23.5	Above 200
Distillation loss	0			

	X		

Copy H.L.C.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYBudget Bureau No. 42-R358.4
Approval expires 12-31-60.Land Office Utah
Lease No. 03051-A
Unit U. S. A.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 29, 1962

Well No. #1 is located 3,279 ft. from N line and 1,580 ft. from W line of sec. 6

SE/4 - NW/4 Sec. 6 (1/4 Sec. and Sec. No.)	T27S (Twp.)	R20E (Range)	SLM (Meridian)
Shafer Canyon (Field)	San Juan (County or Subdivision)	Utah (State or Territory)	

The elevation of the derrick floor above sea level is 4,443 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

August 4, 1962 Rigged up pulling unit. Pulled out of the hole with pump and rods. Unable to pull 2-3/8" tubing from the well. Cut tubing and fished tubing and packer from the well. Reran tubing with no packer to 5,808'. Ran pump rods and released rig.

August 21, 1962 Returned well to production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas CompanyAddress P. O. Box 1513Houston 1, TexasBy R. H. ColcloughTitle Petroleum Engineer

7

SOUTHERN NATURAL GAS COMPANY

EXPLORATION AND PRODUCTION DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

September 4, 1962

State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Re: Supplemental Well History
U. S. A. #1
San Juan County, Utah

Gentlemen:

Attached for your information and file is a copy of the Supplemental Well History to report the pulling of the tubing and the re-running of the tubing and pump. The above job was started August 4, 1962 and completed August 24, 1962.

If there is any question on the attached, please contact.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY

R. H. Adolph
R. H. Adolph
Petroleum Engineer

RHA/gme

Attachment

61

May 16, 1963

Southern Natural Gas Company
P. O. Box 1513
Houston 1, Texas

Attention: C. K Woodruff, Supervisor

Re: Well No. Long Canyon Unit #1
Sec. 9, T. 26 S, R. 20 E.,
Grand County, Utah

USA #1
Well No. Shafer Canyon Unit #1
Sec. 5, T. 27 S, R. 20 E.,
Grand County, Utah

Gentlemen:

On April 30, 1963, a general inspection was made of the above mentioned well sites. Conditions appeared generally satisfactory, however, it was observed that gas was being vented into the atmosphere. The 'Lessee's Monthly Report of Operations', Form 9-329, indicated that no gas is associated with the oil being produced. Please be advised that further production reports will have to contain the amount of gas being flared. It is further requested that an immediate gas oil ratio test be made available to this Commission by reporting said data on 'Well Status Report and Gas Oil Ratio Test', Form OGCC No. P-9.

Your consideration with respect to the contents of this letter will be greatly appreciated.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:kgw

SOUTHERN NATURAL GAS COMPANY

EXPLORATION AND PRODUCTION DIVISION

P. O. BOX 1543 - ESPERSON BUILDING

HOUSTON 1, TEXAS

May 24, 1963

The State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Attention: Mr. Paul W. Burchell
Chief Petroleum Engineer

Re: Well No. Long Canyon Unit #1
Sec 9, T26,S, R20E, Grand County, Utah

Well No. Shafer Canyon Unit #1
Sec. 5, T27S, R20E, Grand County, Utah

Gentlemen:

This is in reply to your letter of April 30, 1963 to our Mr. C. K. Woodruff.

Please excuse the oversight on the gas being reported as zero by our Clerical Section. We are rigging up at this time to run Gas Oil Ratio Tests on the producing wells in the Long Canyon and Shafer Canyon Units and will file these tests immediately upon obtaining them.

Thank you for your cooperation in notifying us of this error and we appreciate your comments at any time.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY



R. H. Kerr
Superintendent of Production

RHK/brs

QWP

Operator

SOUTHERN NATURAL GAS CO.

Field and Reservoir

Shafer Canyon- Cane Creek

San Juan

Address P. O. Box 1513 Houston, Texas Month May 1963

Address .

P. O. Box 1513 Houston, Texas

Month

May 1963

[illegible]

All Tests Reported herein were made in accordance with the Applicable Rules, Regulations and Instructions of the Utah Oil & Gas Conservation Commission.

Executed this the 3 day of June 1963
 State of Texas }
 County of Harris }

Executed this the 3 day of June
State of Texas
County of Harris }

063

C. K. Woodruff

Signed: C. K. Woodruff

Signature of Affiant _____

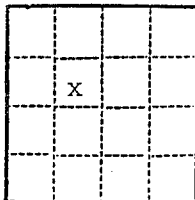
Utah Oil & Gas Conservation Commission

Well Status Report and Gas-Oil Ratio Tests

Form OGCC No. P-9

Authorized by Order In Cause No. 15

Effective December 14, 1958



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Utah
Lease No. U-03051-A
Unit U.S.A. #1

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 10, 1963

Well No. 1 is located 3,279 ft. from N line and 1,580 ft. from W line of sec. 6

SE/4 of NW/4 Sec. 6
(1/4 Sec. and Sec. No.)

T27S
(Twp.)

R20E
(Range)

S1M
(Meridian)

Shafer Canyon
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4,112 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

June 29, 1963. Rigged up Pulling Unit. Pulled pump rods and tubing from the well. Ran 2-3/8" tubing with Baker Model "R" packer and 5' tailpipe. Set packer at 5,767'. Pumped 402 barrels of oil heated to 325°F. Maximum pump in pressure 4,000 psi. Left well shut-in 18 hours.

July 7, 1963 Returned well to production on pump.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas CompanyAddress P. O. Box 1513Houston 1, TexasBy R. H. AdairTitle Pet Eng

6/10

SOUTHERN NATURAL GAS COMPANY

EXPLORATION AND PRODUCTION DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

July 16, 1963

U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Attention: Mr. Jerry Long
District Engineer

Re: U. S. A. #1
Shafer Canyon Field
San Juan Co., Utah

Gentlemen:

Attached are three (3) copies of Supplementary Well History on the subject well.

If there is any question on the attached, please contact me at the above address.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY

J. B. Cobb
General Drilling Superintendent

JBC/gme

Attachment

cc: Utah State Oil and Gas Conservation Commission ✓
Cabeen Exploration Corp., Denver, Colorado
The British American Oil Prod., Farmington, New Mexico
The British-American Oil Prod., Denver, Colorado
Mr. Benjamin H. Swig, San Francisco, California
The Pure Oil Company, Durango, Colorado
The Pure Oil Company, Moab, Utah
Mr. Olen Featherstone, Roswell, New Mexico
Mr. Royce R. Latimer, Moab, Utah
Mr. Keith Somerville
Mr. Wade Smith
Mr. R. W. Stoneburner
Well File
Corporate Files

13

	X	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R388.4
Approval expires 12-31-60.

Land Office Utah
Lease No. U-03051-D
Unit U.S.A. #1
Shafer Canyon Field

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 18, 1964

Well No. 1 is located 3,279 ft. from N line and 1,580 ft. from EX line of sec. 6

SE/4 of NW/4 Sec. 6, T27S, R20E, SIM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Shafer Canyon San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4,443 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well Data: TD: 6,003' PBTD: 5,972'
Perfs: 5,808' to 5,860' in Cam Creek Zone
Casing: 7-5/8" set at 5,990', 5-1/2" set at 5,772'
Last Production: October, 1963

Reason for Plugging: Zone depleted

Plans to Plug: 1. Pull pump rods and tubing.

2. Set cement plugs as follows:

30 sack plug from 5,700' to T.D.

11 sack plug from 2,670' to 2,770'

10 sack plug at surface & set dry hole marker

5 sack plug between 5-1/2" casing & 7-5/8" casing.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE 5/28/64 BY Paul A. Bushnell
CHIEF PET. ENG.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas Company

Address P. O. Box 1513

Houston, Texas 77001

By [Signature]

Title Gen. Drilling Superintendent

COPY

SOUTHERN NATURAL GAS COMPANY

P. O. BOX 1513 — ESPERSON BUILDING
HOUSTON 1, TEXAS

COPY

May 19, 1964

U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Attention: Mr. Jerry W. Long

Re: Application to Plug and Abandon
USA #1
Shafer Canyon Field
San Juan County, Utah

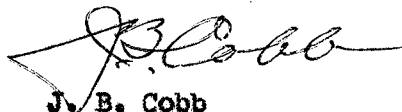
Gentlemen:

Attached are three copies of Form 9-331-a made out as a Notice of Intention to Abandon the USA #1. This well has not produced since October, 1963.

This plug and abandon procedure was discussed with Mr. Smith in your office May 18, 1964. If there are any further questions, please let us know.

Yours very truly,

SOUTHERN NATURAL GAS COMPANY



J. B. Cobb
General Drilling Superintendent

JBC/sb

Attachment

cc: State of Utah - w/Attachment
Oil & Gas Conservation
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Attention: Mr. C. B. Feight

May 19, 1964

cc: Cabene Exploration Corporation - w/Attachment
945 Petroleum Club Building
Denver 2, Colorado

Pure Oil Company - w/Attachment
P. O. Box 3372
Durango, Colorado

British American Oil Producing Co. - w/Attachment
P. O. Box 180
Denver 1, Colorado

Mr. Royce R. Latimer - w/Attachment
P. O. Box 897
Moab, Utah

Mr. Olen Featherstone - w/Attachment
200 West First Street
Roswell, New Mexico

Mr. Benjamin H. Swig - w/Attachment
c/o Fairmont Hotel
San Francisco, California

Messrs. K. J. Van Ness - Moab, Utah
John Mock
J. C. Williams
K. Somerville - Midland Office
W. Smith - Midland Office
Corporate
Well File

Handwritten: COPY

Handwritten: OK

SOUTHERN NATURAL GAS COMPANY
P. O. BOX 1513 — ESPERSON BUILDING
HOUSTON 1, TEXAS

COPY

June 23, 1964

U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Re: Report of Abandonment
U. S. A. #1
Shafer Canyon Field
San Juan County, Utah

Attention: Mr. Jerry W. Long

Gentlemen:

Enclosed are three copies of Form 9-331a, Subsequent Report of Abandonment, on our U. S. A. #1 Well, Shafer Canyon Field, San Juan County, Utah.

Yours very truly,



J. B. Cobb
General Drilling Superintendent

/sm

Enclosures

cc: ✓ State of Utah - w/Enclosure
Oil & Gas Conservation
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Attention: Mr. C. B. Feight

June 23, 1964

cc: Cabene Exploration Corporation - w/Enclosure
945 Petroleum Club Building
Denver 2, Colorado

Pure Oil Company - w/Enclosure
P. O. Box 3372
Durango, Colorado

British American Oil Producing Co. - w/Enclosure
P. O. Box 180
Denver 1, Colorado

Mr. Royce R. Latimer - w/Enclosure
P. O. Box 897
Moab, Utah

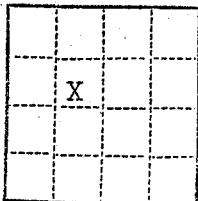
Mr. Olen Featherstone - w/Enclosure
200 West First Street
Roswell, New Mexico

Mr. Benjamin H. Swig - w/Enclosure
s/o Fairmont Hotel
San Francisco, California

Messrs. K. J. Van Ness - Moab, Utah
John Mock
J. C. Williams
K. Somerville - Midland Office
W. Smith - Midland Office
Corporate
Well File

100-5-1001

N.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Utah
Lease No. U-03051-D
Unit U.S.A. #1
Shafer Canyon Field

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 23, 19 64

Well No. 1 is located 3272 ft. from N line and 1580 ft. from W line of sec. 6SE/4 of NW/4 Sec. 6 T27S R20E SIM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Shafer Canyon San Juan Utah
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 4,443 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Report on operations from June 6 to June 8, 1964 -

1. Set 50 sack cement plug from PBTD 5972' to 5300'.
2. Set cement plug from 2670' to 2770'.
3. Set 5 sack cement plug at surface.
4. Installed blind flange and marker at surface.

*9-Note
Lessee's Monthly Report
of Operations (Jan, 1964)*

Heavy mud was left between plugs.

No casing was pulled.

Well plugged and abandoned June 8, 1964.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Southern Natural Gas CompanyAddress P. O. Box 1513Houston, Texas 77001By J. B. CobbTitle General Drilling Superintendent

June 24, 1964

Southern Natural Gas Company
P. O. Box 1513
Houston, Texas 77001

Attention: Mr. J. B. Cobb, General Drilling Superintendent

Re: Well No. U.S.A. #1
Sec. 6, T. 27 S., R. 20 E.,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Subsequent Report of Abandonment and Plugging of the above mentioned well is due and has not been filed with this Commission as required by Rule D-2, General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

Thank you for your attention to this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA #1
2. NAME OF OPERATOR Southern Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1513, Houston, Texas 77001		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <i>SE NW</i> 3279 feet from South line and 1580 feet from West line of Section 6, T27S, R20E, San Juan County, Utah		8. FARM OR LEASE NAME SLBM
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4443		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY <i>San Juan</i> 13. STATE <i>Utah</i>

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE ~~COMPLETED~~ ~~OPERATIONS~~ COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Set 50 sack cement plug from PBTD 5972' to 5300'. ✓ 9
2. Set cement plug from 2670' to 2770'.
3. Set 5 sack cement plug at surface.
4. Installed blind flange and marker at surface.

Heavy mud was left between plugs.

No casing was pulled.

Well plugged and abandoned June 8, 1964.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. B. Cobb

TITLE General Drilling Supt.

DATE June 29, 1964

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

kgw

SOUTHERN NATURAL GAS COMPANY

EXPLORATION AND PRODUCTION DIVISION

P. O. BOX 1513 - ESPERSON BUILDING

HOUSTON 1, TEXAS

June 29, 1964

The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

MMB

Re: USA #1
Shafer Canyon Field
San Juan County, Utah

Gentlemen:

Enclosed in triplicate is Form OGCC-1 b, Abandonment Report,
on the subject well.

Yours very truly,



J. B. Cobb
General Drilling Superintendent

JBC/sm

Enclosure

cc: U. S. Geological Survey - w/Enclosure
P. O. Box 1809
Durango, Colorado

Attention: Mr. Jerry W. Long

10.

June 29, 1964

cc: Cabeen Exploration Corporation - w/Enclosure
945 Petroleum Club Building
Denver 2, Colorado

Pure Oil Company - w/Enclosure
P. O. Box 3372
Durango, Colorado

British American Oil Producing Co. - w/Enclosure
P. O. Box 180
Denver 1, Colorado

Mr. Royce R. Latimer - w/Enclosure
P. O. Box 897
Moab, Utah

Mr. Olen Featherstone - w/Enclosure
200 West First Street
Roswell, New Mexico

Mr. Benjamin H. Swig - w/Enclosure
c/o Fairmont Hotel
San Francisco, California

Messrs. K. J. Van Ness - Moab, Utah
John Mock
J. C. Williams
K. Somerville - Midland Office
W. Smith - Midland Office
Corporate
Well File